

Steve Mason to: R6\_DWH\_Info

05/17/2010 04:53 PM

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2 attachments

Responding to the Oil Spill.ppt Katrina - Rita Chronology 08-30-07.xls

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Faithfully yours  
Steve

"Frequently, my thoughts get bored and walk  
down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE)  
1445 Ross Avenue, Dallas, TX 75202  
214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/17/2010 06:44 AM -----

From: Steve Mason/R6/USEPA/US  
To: Paige Delgado/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA  
Date: 05/06/2010 07:00 AM  
Subject: Katrina Timeline

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Faithfully yours  
Steve

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----- Forwarded by Steve Mason/R6/USEPA/US on 05/17/2010 06:44 AM -----

From: Steve Mason/R6/USEPA/US  
To: Craig Carroll/R6/USEPA/US@EPA  
Date: 05/06/2010 09:53 AM  
Subject: Re: Presentation for Sam Coleman

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John, I developed this presentation for Mark earlier this week....

Faithfully yours  
Steve

"Frequently, my thoughts get bored and walk  
down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE)  
1445 Ross Avenue, Dallas, TX 75202  
214-665-2276 / 214-665-2278 fax

From: Craig Carroll/R6/USEPA/US

To: John Martin/R6/USEPA/US@EPA  
Cc: Paige Delgado/R6/USEPA/US@EPA, Monica Smith/R6/USEPA/US@EPA, Ronnie Crossland/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, Ken Ferguson/R6/USEPA/US@EPA  
Date: 05/06/2010 09:44 AM  
Subject: Presentation for Sam Coleman  
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John,

Sam needs a brief powerpoint presentation (10-12 slides) by 1100 hrs to give to Bob Perciaseppe that covers overview of operations and dispersant issues. Monica is available if need be and Steve Mason can provide dispersant issue overview. Recommend we use the REOC presentation with minor modifications. I would like to invite Senior Staff down here for a briefing tomorrow or next Monday so let's plan the presentation for that too. Thanks

Craig Carroll  
Chief, Emergency Readiness Section  
EPA Region 6  
Ph: 214-665-2220  
Fax: 214-665-9718

----- Forwarded by Steve Mason/R6/USEPA/US on 05/17/2010 06:44 AM -----

From: Steve Mason/R6/USEPA/US  
To: "Kay, Jim, VBAWAC" <jim.kay@va.gov>  
Date: 05/06/2010 10:51 AM  
Subject: Re: Response

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Wow !!! I did not think it was that much... thanks for checking for me....

Faithfully yours  
Steve

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From: "Kay, Jim, VBAWAC" <jim.kay@va.gov>  
To: Steve Mason/R6/USEPA/US@EPA  
Date: 05/06/2010 10:38 AM  
Subject: Response

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Because of privacy issues the veteran's name or claim number is mentioned.

I did a quick review of the case in reference to your phone call and see where a debt was created and monthly funds being applied toward that debt.

It appears there is still a remaining debt of approximately \$2,450 which should be paid off in about 4 months. Once paid the debt is paid off benefits should resume.

If you have any other questions you can reach me at the numbers below.

*James K*

OIC, Ft Worth Benefits Office

Ofc: 817-882-6086

Cell: 214-725-0391

----- Forwarded by Steve Mason/R6/USEPA/US on 05/17/2010 06:44 AM -----

From: Steve Mason/R6/USEPA/US  
To: Craig Carroll/R6/USEPA/US@EPA  
Date: 05/06/2010 02:04 PM  
Subject: Fw: use of solidifiers within RRT 6

---

Any comments on this....

Faithfully yours  
Steve

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----- Forwarded by Steve Mason/R6/USEPA/US on 05/06/2010 02:04 PM -----

From: "Buzz Martin" <Buzz.Martin@GLO.STATE.TX.US>

To: <david.fritz@bp.com>

Cc: Steve Mason/R6/USEPA/US@EPA, "Greg Pollock" <Greg.Pollock@GLO.STATE.TX.US>, "Michael Baccigalopi" <Michael.Baccigalopi@GLO.STATE.TX.US>, <Charlie.Henry@noaa.gov>, <mary.gill@noaa.gov>

Date: 05/06/2010 12:18 PM

Subje use of solidifiers within RRT 6

ct:

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Dave,

Please note that the following does not constitute an official communication from the RRT 6 Executive Secretariat. This is my interpretation based upon the information I could gather in this short time. If anyone receiving this email has a different interpretation or knowledge of the facts, please email everyone receiving this email.

Here's what I've come up with so far regarding the use of solidifiers within a containment boom. I understand that you are not talking about a broadcast application within a containment boom, but rather a solidifier contained in some type of mesh or fabric that could be easily retrieved after exposure to the oil.

1) There is no approved document for Solidifier use in RRT 6 at this point ... it's still in draft. I believe that the product needs to be on the NCP Product Schedule and that is based on the document entitled "NRT-RRT Fact Sheet: Application of Sorbents and Solidifiers for Oil Spills" which can be downloaded from <http://www.epa.gov/emergencies/content/ncp/categories.htm>

2) The general consensus (according to a telephone conversation with Michael Baccigalopi, RRT 6 S&T chairman) is that as long as the product is contained (as opposed to broadcast) it doesn't need RRT approval. By contained, I mean that the solidifier would be an agent contained in mesh sock or embedded in some type of fabric that can be easily retrieved after deployment.

3) The NCP Product Schedule categorizes Solidifiers as a Miscellaneous Oil Spill Control Agent (MOSCA). The NCP Product Schedule can be found at: [http://www.epa.gov/emergencies/content/ncp/product\\_schedule.htm](http://www.epa.gov/emergencies/content/ncp/product_schedule.htm)

Please note that

I hope that this helps. If I hear of any objections, I'll be sure to let you know.

Sincerely,  
Buzz Martin

=====  
Buzz Martin, Ph.D.  
Director of R&D and Scientific Support  
Oil Spill Prevention & Response  
Texas General Land Office  
P.O. Box 12873  
Austin, TX 78711-2873  
phone: (512) 475-4611  
fax: (512) 475-1560  
buzz.martin@glo.state.tx.us  
=====

----- Forwarded by Steve Mason/R6/USEPA/US on 05/17/2010 06:44 AM -----

From:	Steve Mason/R6/USEPA/US
To:	Craig Carroll/R6/USEPA/US@EPA
Date:	05/06/2010 02:05 PM
Subject:	Fw: use of solidifiers within RRT 6

---

Nicks suggestions....

Faithfully yours  
Steve

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----- Forwarded by Steve Mason/R6/USEPA/US on 05/06/2010 02:05 PM -----

From: "Buzz Martin" <Buzz.Martin@GLO.STATE.TX.US>  
To: Nick Nichols/DC/USEPA/US@EPA  
Cc: Craig Carroll/R6/USEPA/US@EPA, Leigh DeHaven/DC/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA  
Date: 05/06/2010 01:39 PM  
Subject: Re: Fwd: use of solidifiers within RRT 6

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Thank you, Nick. I will relay this information immediately to Dave Fritz at BP.  
Appreciate your input.  
Buzz

>>> <Nichols.Nick@epamail.epa.gov> 5/6/2010 1:35 PM >>>  
Hi Buzz

You still need RRT6-OSC authorization for solidifiers on the Schedule even if they are contained. The issue being that boom breaks and the product could be released into the water....so EPA needs tox numbers so it has to be on the Schedule..under OSC authority etc..

That should be handled with a phone call or as I read #2 below the RRT has already given it blanket authorization so you seem good to go.

William "Nick" Nichols  
OEM Regulatory and Policy Development Division  
Washington D.C. 20460  
202-564-1970



Nick,  
Please see attached. I think you have been contacted on this, but I  
wanted to make sure you were kept in the loop.  
Buzz

=====  
Buzz Martin, Ph.D.  
Director of R&D and Scientific Support  
Oil Spill Prevention & Response  
Texas General Land Office  
P.O. Box 12873  
Austin, TX 78711-2873  
phone: (512) 475-4611  
fax: (512) 475-1560  
buzz.martin@glo.state.tx.us  
=====

----- Message from "Buzz Martin" <Buzz.Martin@GLO.STATE.TX.US> on Thu,  
06 May 2010 12:17:33 -0500 -----

To: <david.fritz@bp.com>

cc: <Mason.Steve@epamail.epa.gov>, "Greg Pollock" <Greg.Pollock@GLO.STATE.TX.US>, "Michael  
Baccigalopi"  
<Michael.Baccigalopi@GLO.STATE.TX.US>, <Charlie.Henry@noaa.gov>, <mary.gill@noaa.gov>

Subject: use of solidifiers within RRT 6

Dave,  
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communication from the RRT 6 Executive Secretariat. This is my

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Please note that

I hope that this helps. If I hear of any objections, I'll be sure to let you know.

Sincerely,  
Buzz Martin

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fax: (512) 475-1560  
buzz.martin@glo.state.tx.us

=====

----- Forwarded by Steve Mason/R6/USEPA/US on 05/17/2010 06:44 AM -----

From: Steve Mason/R6/USEPA/US  
To: Mark Hansen/R6/USEPA/US@EPA, Lisa Boynton/DC/USEPA/US@EPA, Gilberto Irizarry/DC/USEPA/US@EPA  
Cc: Craig Carroll/R6/USEPA/US@EPA  
Date: 05/06/2010 02:29 PM  
Subject: Dispersants

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Mark, per your request...

Under the RRT 6 Pre-Approval for Dispersants....

1. The dispersant can be applied between 3 and 200 nautical miles offshore -- cannot be applied less than 3 miles offshore
2. The dispersant cannot be applied in less than 10 meters of water
3. Dispersant must be on the product schedule
4. Dispersant will be applied only during daylight hours
5. FOSC must activate SMART program for monitoring the application

Under the RRT 6 Near Shore Expedited Approval...

1. MUST BE APPROVED BY THE RRT before application
2. FOSC makes request to RRT .... RRT should make decision within 1 hour

3. Can be applied within 3 miles of shoreline
4. Dispersant must be on the product schedule
5. FOSC must activate SMART program for monitoring the application

Under NCP, Subpart J:

- FOSC may authorize use of dispersant, including products not listed on the NCP Product Schedule, without obtaining the concurrence of the RRT, when the FOSC judges the product is necessary to prevent or substantially reduce a hazard to human life.

Craig, any other thoughts...

Faithfully yours  
Steve

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From: Steve Mason/R6/USEPA/US  
To: Steve Mason/R6/USEPA/US@EPA  
Date: 05/06/2010 03:34 PM  
Subject: The Ongoing Administration-Wide Response to the Deepwater Horizon Oil Spill

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**The Ongoing Administration-Wide Response to the  
Deepwater BP Oil Spill**

- Report oiled shoreline or request volunteer information:  
(866)–448–5816
- Submit alternative response technology, services or products:  
(281) 366–5511
- Submit your vessel as a vessel of opportunity skimming system:

Deepwater  
Horizon  
Incident  
Joint  
Information  
Center

Phone: (985)  
902-5231  
(985) 902-5240

(281) 366–5511

- Submit a claim for damages:  
(800) 440–0858
- Report oiled wildlife:  
(866) 557–1401

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### **PAST 24 HOURS**

#### **Secretary Salazar Gulf Coast Visit**

Secretary of the Interior Ken Salazar surveyed ongoing response efforts to combat the BP oil spill in the Gulf of Mexico, inspecting the four-story cofferdam that will attempt to capture the largest leak from the damaged wellhead; making an aerial survey of containment and cleanup efforts

underway on Gulf waters; and visiting national wildlife refuges on the Louisiana and Alabama coast *to assess on-the-ground efforts to protect sensitive areas.*

### **Successful Controlled Burn**

Favorable weather conditions allowed responders to conduct a successful controlled burn operation. As part of a coordinated response that combines tactics deployed above water, below water, offshore, and close to coastal areas, controlled burns efficiently remove oil from the open water in an effort to protect shoreline and wildlife.

### **NASA Satellite Assets**

At NOAA's request, NASA has agreed to use their ER-2 aircraft, equipped with a highly specialized scanner (the Airborne Visible/Infrared Imaging Spectrometer (AVIRIS) system) to provide NOAA high resolution images of the threatened Gulf shoreline. This will assist valuable NOAA's damage assessment activities by forecasting spill trajectories and conducting mass balance calculations. Additionally, NASA has employed satellite instruments both to detect the extent of the entire oil spill, and to see the details of the extent of selected areas of the spill.

### **Additional Staging Location**

A 10<sup>th</sup> staging location was established in Panama City, Fla., joining nine others in Biloxi, Miss., Pensacola, Fla., Pascagoula, Miss., Dauphin Island, Ala., Port Sulphur, La., Shell Beach, La., Slidell, La., Port Fourchon, La., and Venice, La.

### **Aerial Dispersant Spray Missions**

Modular Aerial Spray System (MASS) aircraft flew four missions—dispensing the same dispersant chemical being used by BP and the federal responders. These systems are capable of covering up to 250 acres per flight.

### **Seafood Inspection**

NOAA Fisheries continues to collect seafood samples and transfer those to the National Seafood Inspection Lab.

### **NOAA Ocean and Marsh Imaging Flights**

Two NOAA turbo-prop aircraft are positioned in Mobile, Ala. One will fly marine mammal survey missions—the second aircraft will conduct ocean imaging missions, providing valuable information about the oil thickness and density on the sea surface. A third NOAA aircraft is positioned in New Orleans and staged to conduct aerial photographic flights of marsh areas.

### **Ocean Exploration Mission**

A NOAA Office of Ocean Exploration and Research-sponsored mission is en route to collect seafloor and water column data from areas near the oil spill source.

### **National Park Service Response Website**

The National Park Service created an oil spill response website, available at <http://www.nps.gov/aboutus/oil-spill-response.htm>, to update the public about potential park closures, resources at risk, and NPS actions to protect vital park space and wildlife.

### **By the Numbers to Date:**

- Personnel were quickly deployed and approximately 7,900 are currently responding to protect the shoreline and wildlife.
- Nearly 200 vessels are responding on site, including skimmers, tugs, barges, and recovery vessels to assist in containment and cleanup efforts—in addition to dozens of aircraft, remotely operated vehicles, and multiple mobile offshore drilling units.
- Approximately 564,000 of feet of boom (regular and sorbent) have been deployed to contain the spill—and 1.6 million feet are available.
- More than 1.2 million gallons of an oil-water mix have been recovered.
- More than 190,000 gallons of dispersant have been deployed. More

than 55,000 gallons are available.

- Nine staging areas have been set up to protect vital shoreline in all potentially affected Gulf Coast states (Biloxi, Miss., Pensacola, Fla., Pascagoula, Miss., Dauphin Island, Ala., Port Sulphur, La., Shell Beach, La., Slidell, La., Port Fourchon, La., Venice, La.).

**Resources:**

- For information about the response effort, visit [www.deepwaterhorizonresponse.com](http://www.deepwaterhorizonresponse.com).
- To contact the Deepwater Horizon Joint Information Center, call (985) 902-5231.
- To volunteer, or to report oiled shoreline, call (866) 448-5816. Volunteer opportunities can also be found [here](#).
- To submit your vessel as a vessel of opportunity skimming system, or to submit alternative response technology, services, or products, call 281-366-5511.
- To report oiled wildlife, call (866) 557-1401. Messages will be checked hourly.
- For information about validated environmental air and water sampling results, visit [www.epa.gov/bpspill](http://www.epa.gov/bpspill).
- For National Park Service updates about potential park closures, resources at risk, and NPS actions to protect vital park space and wildlife, visit <http://www.nps.gov/aboutus/oil-spill-response.htm>.
- To file a claim, or report spill-related damage, call BP's helpline at (800) 440-0858. A BP fact sheet with additional information is available [here](#). For those who have already pursued the BP claims process and are not satisfied with BP's resolution, can call the Coast Guard at (800) 280-7118.

----- Forwarded by Steve Mason/R6/USEPA/US on 05/17/2010 06:44 AM -----

From: Steve Mason/R6/USEPA/US

To: "Buzz Martin" <buzz.martin@glo.state.tx.us>, "Mike Baccigalopi" <michael.baccigalopi@glo.state.tx.us>, "Karolien Debusschere" <Karolien.Debusschere@la.gov>

Date: 05/06/2010 04:49 PM

Subject: SOLIDIFIER PLAN -- DRAFT



---

Can one of you send me the Region 6 DRAFT Solidifier Plan... just in case we need to refer to it...

thanks...

Faithfully yours  
Steve

"Frequently, my thoughts get bored and walk  
down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE)  
1445 Ross Avenue, Dallas, TX 75202  
214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/17/2010 06:44 AM -----

From:	Steve Mason/R6/USEPA/US
To:	dan@ciagent.com
Date:	05/06/2010 06:04 PM
Subject:	SOLIDIFIER PLAN -- DRAFT

---

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From: Steve Mason/R6/USEPA/US

To: "Buzz Martin" <buzz.martin@glo.state.tx.us>, "Mike Baccigalopi" <michael.baccigalopi@glo.state.tx.us>, "Karolien Debusschere" <Karolien.Debusschere@la.gov>

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214-665-2276 / 214-665-2278 fax



## Emergency Management

You are here: [EPA Home](#)   [Emergency Management](#)   [NCP Subpart J](#)   Product Categories under the National Contingency Plan Subpart J

# Product Categories under the National Contingency Plan Subpart J

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The National Contingency Plan (NCP) Product Schedule includes five types of products which are authorized for use in controlling oil spills. They are defined as below in [40 CFR 300.5 - NCP Definitions \(PDF\)](#) (12 pp, 102K).

- [Bioremediation agents](#)
- [Dispersants](#)
- [Surface Collecting Agents](#)
- [Surface Washing Agents](#)
- [Miscellaneous Oil Spill Control Agents](#)

### Bioremediation Agents

*Bioremediation agents* means microbiological cultures, enzyme additives, or nutrient additives that are deliberately introduced into an oil discharge and that will significantly increase the rate of biodegradation to mitigate the effects of the discharge. ([View Product Schedule](#))

### Dispersants

*Dispersants* means those chemical agents that emulsify, disperse, or solubilize oil into the water column or promote the surface spreading of oil slicks to facilitate dispersal of the oil into the water column. ([View Product Schedule](#))

### Sorbents

[Note: Sorbents are characterized in the National Contingency Plan Subpart J, but the regulation does not require their inclusion in the NCP Product Schedule. Manufacturers may submit a letter with Confidential Business Information (CBI) to EPA and receive a letter stating that their product meets the regulatory definition of a sorbent.]

*Sorbents* means essentially inert and insoluble materials that are used to remove oil and hazardous substances from water through adsorption, in which the oil or hazardous substance is attracted to the sorbent surface and then adheres to it, absorption, in which the oil or hazardous substance penetrates the pores of the sorbent material, or a combination of the two. Sorbents are generally manufactured in particulate form for spreading over an oil slick or as sheets, rolls, pillows, or booms. The sorbent material may consist of, but is not limited to, the following materials:

- a. Organic products —
  1. Peat moss or straw;
  2. Cellulose fibers or cork;
  3. Corn cobs;

4. Chicken or duck feathers.
- b. Mineral compounds —
  1. Volcanic ash or perlite;
  2. Vermiculite or zeolite.
- c. Synthetic products —
  1. Polypropylene;
  2. Polyethylene;
  3. Polyurethane;
  4. Polyester.

([View Product Schedule](#))

### **Surface Collecting Agents**

*Surface collecting agents* means those chemical agents that form a surface film to control the layer thickness of oil. ([View Product Schedule](#))

### **Surface Washing Agents**

*Surface washing agent* is any product that removes oil from solid surfaces, such as beaches and rocks, through a detergency mechanism and does not involve dispersing or solubilizing the oil into the water column. ([View Product Schedule](#))

### **Miscellaneous Oil Spill Control Agents**

*Miscellaneous oil spill control agent* is any product, other than a dispersant, sinking agent, surface collecting agent, bioremediation agent, burning agent, or sorbent that can be used to enhance oil spill cleanup, removal, treatment, or mitigation. ([View Product Schedule](#))

For more information, see the [NRT-RRT Fact Sheet: Application of Sorbents and Solidifiers for Oil Spills \(PDF\)](#) (6 pp, 535K)


[http://www.epa.gov/emergencies/content/ncp/product\\_schedule.htm](http://www.epa.gov/emergencies/content/ncp/product_schedule.htm)

Last updated on Tuesday, January 04, 2011

## Emergency Management

 You are here: [EPA Home](#) [Emergency Management](#) [NCP Subpart J](#) [NCP Product Schedule](#)

# National Contingency Plan Product Schedule

As required by [Subpart J of the National Contingency Plan](#), EPA maintains the National Contingency Plan (NCP) Product Schedule.

- The [NCP Product Schedule \(December 2010\) \(PDF\)](#) **New!** (25 pp, 216K, [About PDF](#)) is also available for download in its entirety.
- The [NCP Product Schedule Technical Notebook \(December 2010\) \(PDF\)](#) **New!** (288 pp, 1.3M, [About PDF](#)) presents summary information on the conditions under which each of the products may be used.

The table below shows all products currently listed in the NCP Product Schedule. To limit the view to a specific category, use the drop down box in the "Category" column.

- [Product Categories under NCP Subpart J](#) includes regulatory definitions of the product types used below.
- [NCP Product Schedule Toxicity and Effectiveness Summaries](#) of these products are also available.



For more information on the Product Schedule, contact the [NCP Product Schedule Information Line](#).

**Note:** Products may be eligible for recognition by EPA's Design for the Environment (DfE) Program as a safer oil spill treatment. The DfE Program labels products that have met its stringent criteria for human health and environmental safety. For more information on the DfE Safer Product Labeling Program, please visit <http://www.epa.gov/dfe/pubs/projects/formulat/saferproductlabeling.htm>


Product	Category
	View by: All Categories <input type="button" value=""/>
<a href="#">ALSOCUP</a>	Miscellaneous Oil Spill Control Agent - MOSCA
<a href="#">AQUACLEAN</a>	Surface Washing Agent
<a href="#">AQUA N-CAP™ POLYMER</a>	Miscellaneous Oil Spill Control Agent - MOSCA
<a href="#">B&amp;S INDUSTRIAL (see STEP ONE)</a>	Bioremediation Agent
<a href="#">BET BIOPETRO (formerly BET BIOPETRO HEAVY)</a>	Bioremediation Agent
<a href="#">BG-CLEAN™ 401</a>	Surface Washing Agent
<a href="#">BILGE CLEAR (see S-200)</a>	Bioremediation Agent

<u>BIODISPERS (formerly PETROBIODISPERS)</u>	Dispersant
<u>BIOGRASS EXTRA</u>	Surface Washing Agent
<u>BIO-REGEN HYDROCARBON (see SOIL RX)</u>	Bioremediation Agent
<u>BIOREM-2000 OIL DIGESTER™</u> <b>New!</b>	Bioremediation Agent
<u>BIOSOLVE® HYDROCARBON MITIGATION™ AGENT</u>	Surface Washing Agent
<u>BIOWORLD BIOREMEDIATION HYDROCARBON TREATMENT PRODUCTS</u>	Bioremediation Agent
<u>CIAGENT (formerly CI AGENT, CHEAP INSURANCE, and PETRO-CAPTURE)</u>	Miscellaneous Oil Spill Control Agent - MOSCA
<u>CLEAN GREEN</u>	Surface Washing Agent
<u>CLEANGREEN® PLANET WASH (see CLEAN GREEN)</u>	Surface Washing Agent
<u>CLEAN SPLIT (see SPLIT DECISION SC)</u>	Surface Washing Agent
<u>CN-110</u>	Surface Washing Agent
<u>COREXIT® EC7664A (formerly COREXIT 7664)</u>	Surface Washing Agent
<u>COREXIT® EC9500A (formerly COREXIT 9500)</u>	Dispersant
<u>COREXIT® EC9580A (formerly COREXIT 9580 SHORELINE CLEANER)</u>	Surface Washing Agent
<u>COREXIT® EC9527A (formerly COREXIT 9527)</u>	Dispersant
<u>CYTOSOL</u>	Surface Washing Agent
<u>DE-SOLV-IT CLEAN AWAY APC SUPER CONCENTRATE</u> <b>New!</b>	Surface Washing Agent
<u>DE-SOLV-IT INDUSTRIAL FORMULA</u>	Surface Washing Agent
<u>DISPERSIT SPC 1000™</u>	Dispersant
<u>DO-ALL #18</u>	Surface Washing Agent
<u>DYNAMIC GREEN™</u> <b>New!</b>	Surface Washing Agent
<u>DUO-SPLIT (see SPLIT DECISION SC)</u>	Surface Washing Agent
<u>ELASTOL</u>	Miscellaneous Oil Spill Control Agent - MOSCA
<u>ENVIROCLEAN (formerly ENVIRO CLEAN 165)</u>	Surface Washing Agent

<u>ENVIRONMENTAL 1 CRUDE OIL CLEANER</u>	Surface Washing Agent
<u>ENVIRONMENTAL 1 WASHING AGENT (see ENVIRONMENTAL 1 CRUDE OIL CLEANER)</u>	Surface Washing Agent
<u>EO ALL PURPOSE SOAP-LAVENDER</u>	Surface Washing Agent
<u>E-SAFE<sup>®</sup></u>	Surface Washing Agent
<u>F-500</u>	Surface Washing Agent
<u>FINASOL OSR 52</u>	Dispersant
<u>FIREMAN'S BRAND SPILLCLEAN (see SPILLCLEAN)</u>	Dispersant
<u>GELCO 200</u>	Miscellaneous Oil Spill Control Agent - MOSCA
<u>GENISIS WE-F (see OPPENHEIMER FORMULA)</u>	Bioremediation Agent
<u>G-MARINE OSC-1809</u>	Surface Washing Agent
<u>GOLD CREW SW</u>	Surface Washing Agent
<u>GREEN BEAST OIL SPILL &amp; ODOR REMEDIATOR</u>	Surface Washing Agent
<u>GREEN BEAST WASHING AGENT (see GREEN BEAST OIL SPILL &amp; ODOR REMEDIATOR)</u>	Surface Washing Agent
<u>INIPOL EAP 22</u>	Bioremediation Agent
<u>JD-109</u>	Dispersant
<u>JD-2000<sup>™</sup></u>	Dispersant
<u>JE1058BS</u>	Bioremediation Agent
<u>LAND AND SEA RESTORATION</u>	Bioremediation Agent
<u>MARE CLEAN 200 (formerly MARE CLEAN 505)</u>	Dispersant
<u>MARINE GREEN CLEAN<sup>™</sup></u>	Surface Washing Agent
<u>MARINE GREEN CLEAN PLUS<sup>™</sup></u>	Surface Washing Agent
<u>MARI-ZYME (see ZYME-FLOW)</u>	Miscellaneous Oil Spill Control Agent - MOSCA
<u>MICRO-BLAZE<sup>®</sup></u>	Bioremediation Agent
<u>MICRO CLEAN (see NATURE'S WAY HS)</u>	Surface Washing Agent
<u>MIGHT MIKE BPT (see OPPENHEIMER FORMULA)</u>	Bioremediation Agent
<u>MUNOX SR<sup>®</sup></u>	Bioremediation Agent
<u>NALE-IT</u>	Surface Washing Agent

<u>NATURAL ENVIRO 8000 BIOREMEDIATION (see OPPENHEIMER FORMULA)</u>	Bioremediation Agent
<u>NATURE'S WAY HS</u>	Surface Washing Agent
<u>NATURE'S WAY PC (see NATURE'S WAY HS)</u>	Surface Washing Agent
<u>NEOS AB3000</u>	Dispersant
<u>NOKOMIS 3-AA</u>	Dispersant
<u>NOKOMIS 3-F4</u>	Dispersant
<u>NOKOMIS 5-W</u>	Surface Washing Agent
<u>OIL BOND®</u>	Miscellaneous Oil Spill Control Agent (MOSCA)
<u>OILCLEAN w/ACTIVATOR (see PRO-ACT) </u>	Bioremediation Agent
<u>OIL SOLUTIONS POWDER</u>	Miscellaneous Oil Spill Control Agent (MOSCA)
<u>OIL SPILL CLEANUP (see G-MARINE OSC-1809)</u>	Surface Washing Agent
<u>OIL SPILL EATER II</u>	Bioremediation Agent
<u>OPFLEX® THE GREEN STUFF™</u>	Miscellaneous Oil Spill Control Agent - MOSCA
<u>OPPENHEIMER FORMULA</u>	Bioremediation Agent
<u>PES-51</u>	Miscellaneous Oil Spill Control Agent - MOSCA
<u>PETRO-CLEAN</u>	Surface Washing Agent
<u>PETRO-GREEN ADP-7 (formerly D-14)</u>	Surface Washing Agent
<u>PETROTECH 25</u>	Surface Washing Agent
<u>PETRO-TREAT (see OPPENHEIMER FORMULA)</u>	Bioremediation Agent
<u>POWERCLEAN (see NATURE'S WAY HS)</u>	Surface Washing Agent
<u>PREMIER 99</u>	Surface Washing Agent
<u>PRISTINE SEA II</u>	Bioremediation Agent
<u>PRO-ACT </u>	Bioremediation Agent
<u>PROCLEANS</u>	Surface Washing Agent
<u>PX 700™</u>	Miscellaneous Oil Spill Control Agent - MOSCA
<u>RAPIDGRAB 2000™</u>	Miscellaneous Oil Spill Control Agent - MOSCA



<u>S-200</u>	Bioremediation Agent
<u>S-200C (see S-200)</u>	Bioremediation Agent
<u>SAF-RON GOLD</u>	Dispersant
<u>SANDKLENE 950</u>	Surface Washing Agent
<u>SC-1000™</u>	Surface Washing Agent
<u>SEA BRAT #4</u>	Dispersant
<u>SEACARE E.P.A. (see DISPERSIT SPC 1000™)</u>	Dispersant
<u>SF-GOLD DISPERSANT (see SAF-RON GOLD)</u>	Dispersant
<u>SHEENCLEAN (see S-200)</u>	Bioremediation Agent
<u>SHEEN-MAGIC®</u>	Surface Washing Agent
<u>SIMPLE GREEN®</u>	Surface Washing Agent
<u>SOC 10</u>	Surface Washing Agent
<u>SOIL RX</u>	Bioremediation Agent
<u>SPILL GREEN LS</u>	Miscellaneous Oil Spill Control Agent (MOSCA)
<u>SPILLCLEAN (SW-36) or SPILLCLEAN ["Concentrate"] (a/k/a FIREMAN'S BRAND SPILLCLEAN)</u>	Surface Washing Agent
<u>SPILLREMEDI (MARINE)®</u>	Bioremediation Agent
<u>SPLIT DECISION SC (formerly SPLIT DECISION)</u>	Surface Washing Agent
<u>STEP ONE</u>	Bioremediation Agent
<u>SUPERALL #38 (see TOPSALL #30)</u>	Surface Washing Agent
<u>SYSTEM E.T. 20 (formerly MCW.B 20)</u>	Bioremediation Agent
<u>The OPPENHEIMER FORMULA I (see OPPENHEIMER FORMULA)</u>	Bioremediation Agent
<u>TOPSALL #30</u>	Surface Washing Agent
<u>TULXA</u>	Surface Washing Agent
<u>TXCHEM HE-1000™</u>	Surface Washing Agent
<u>UNITED 658 PETRO-ZYME (see ZYME-FLOW)</u>	Miscellaneous Oil Spill Control Agent - MOSCA
<u>VB591™, VB997™, BINUTRIX® (formerly MYCOBAC TX-20)</u>	Bioremediation Agent
<u>VERU-SOLVE™ MARINE 200 HP</u> 	Surface Washing Agent
<u>WASTE-SET #3200®</u>	Miscellaneous Oil Spill Control Agent - MOSCA

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# NPS Oil Spill Response



NPS PHOTO

Overflight assessing boom conditions at Gulf Islands National Seashore

## Background

In the difficult days since April 20, 2010, when the drill rig Deepwater Horizon exploded and sank, killing 11 crewmembers and leaking five million barrels of oil into the Gulf of Mexico from an uncapped well, the National Park Service has been part of the federal response. Now, we continue working with the U.S. Coast Guard, National Oceanic and Atmospheric Administration (NOAA), and U.S. Fish and Wildlife Service (USFWS) in the cleanup and look ahead to our part in the recovery.

## Response

The National Park Service has deployed incident management personnel from across the country to prepare for and respond to oil impacts along the Gulf Coast. We recognize that the national parks in the Gulf Coast attract millions of visitors each year

and are integral to the economic fabric and natural systems of this region.

National parks throughout the Gulf of Mexico area took immediate action after the spill to document water quality and environmental conditions for plant and animal life. Biologists, ecologists, and archeologists from those parks helped identify the most sensitive areas of coastline as the U.S. Coast Guard put in place protective measures such as absorbent boom. Experts from other national parks around the country came to the Gulf to help shoreline assessment teams check beaches for oil and recommend cleanup methods, while pilots and helicopter crewmembers flew assessment and cleanup missions.

When oil started washing up at Gulf Islands National Seashore, more scientists answered the call to help direct cleanup crews in the best methods to remove oil without causing further harm to plants, animals, historic buildings or buried artifacts. Experts in finance, logistics and media relations came from around the country to help support the effort. Even with the leaking oil well plugged, their work remains indispensable today, as thousands of pounds of oiled debris continue to be removed daily from the beaches at Gulf Islands National Seashore.

## NPS Contributions Between April 20 - Oct. 20, 2010

Total Number of NPS Employees Assigned to Oil Spill Response	More than 600
Average Length of Assignment	16 days
Parks Contributing Staff to Oil Spill Response	120
NPS Administrative Offices Contributing Staff to Oil Spill Response	15
Total Weight of Oiled Debris Removed from Gulf Islands National Seashore	more than 918 tons

## Ongoing Work

The cleanup will continue until removal efforts would cause more damage than leaving the oil in place. During that time, archeologists, biologists, and other experts will remain in the field with cleanup crews. Night shifts will also continue, because some of the sand cleaning equipment works better during cooler evening hours when the oil is stiffer and less likely to gum up the machinery. As long as NPS scientists continue working in the field, their support staff in finance, logistics and media relations will also remain in place.

## Park Status

All national parks in the Gulf Coast region remain open to the public. However, depending on future oil impacts, some temporary closures may occur. Please check individual park websites for further information by clicking on the appropriate links below:

[Big Cypress National Preserve, FL](#)

[Biscayne National Park, FL](#)

[Dry Tortugas National Park, FL](#)

[Everglades National Park, FL](#)

[Gulf Islands National Seashore, FL and MS](#)

### **Natural Resources Damage Assessment**

The Oil Pollution Act authorizes certain federal agencies, states and Indian tribes, collectively known as the Natural Resource Trustees (Trustees) to evaluate the impacts of the Deepwater Horizon oil spill on natural resources. The Trustees are responsible for studying the effects of the spill through a process known as Natural Resource Damage Assessment (NRDA). [NRDA Pre-Assessment Work Plan](#)

### **Looking Ahead**

The National Park Service will continue to be part of the ongoing recovery of the Gulf Coast. Although Gulf Islands National Seashore is the most directly affected, other parks around the Gulf may still have to cope with the effects of the spill on plants and wildlife circulating in the water. Drifting oil may also continue to affect archeological resources. On beaches where cleanup efforts have reached the point where cleaning might cause more damage than leaving the oil in place, staff will continue to monitor for more oil washing ashore, especially next spring after winter storms.

### **How You Can Help**

Report oiled/distressed wildlife: (866) 557-1401

Report community impacts: (866) 448-5816

Volunteer: (866) 448-5816

Register as a consultant, contractor, or vendor: (281) 366-5511

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South Florida parks (305) 242-7714

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<u>ZI-400 OIL SPILL DISPERSANT (see ZI-400)</u>	Dispersant
<u>ZYME-FLOW</u>	Miscellaneous Oil Spill Control Agent - MOSCA
<u>ZYME-TREAT (see ZYME-FLOW)</u>	Miscellaneous Oil Spill Control Agent - MOSCA

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PHOTO: GCIMT briefs Atlantic Area Commander Vice Adm. Parker

Monday, January 10, 2011 - 15:22

PHOTO: Deepwater Horizon Gulf Wildlife Response  
Monday, January 10 2011

PHOTO: Lt. Cmdr. Beatty of GCIMT inspects oil  
Monday, January 10 2011

PHOTO: GCIMT Presents OSAT Report  
Wednesday, January 5 2011

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## Featured Fact Sheet

Natural Resource Restoration Program  
(PDF, 2 pages - 1.9 MB)



**West Wing Week:** ["Dispatches from the Gulf"](#)

This video travels through America's Gulf Coast. Get a behind the scenes look at the federal government's unprecedented and historic effort to clean up the Deepwater Horizon BP oil spill.

## Mapping the Response



GeoPlatform Gulf Response is an online mapping tool that provides you with near real time information about the response effort.

## Educational Resources

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